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DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS OF ISOLATING THE ANDROGENIC SEX HORMONE FROM CRUSTACEAN PRAWN AND MARINE SHRIMP AND METHODS OF USE

the specification of which

(Check one) ☐ is attached hereto
☒ was filed on 1/28/2000 as
Application Serial No. 09/494,149
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

<u>60/117,716</u>	<u>January 28, 1999</u>
(Provisional Application Number)	(Filing Date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
_____	_____	(patented, pending, abandoned)
_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status)
_____	_____	(patented, pending, abandoned)

I hereby appoint, for the benefit of and as agent for the Assignee of this application and to my exclusion if there is now or hereafter such an Assignee:

Harold C. Hohbach, Reg. No. 17,757; Aldo J. Test, Reg. No. 18,048; Thomas O. Herbert, Reg. No. 18,612; Donald N. MacIntosh, Reg. No. 20,316; Edward S. Wright, Reg. No. 24,903; David J. Brezner, Reg. No. 24,774; Richard E. Backus, Reg. No. 22,701; James A. Sheridan, Reg. No. 25,435; Robert B. Chickering, Reg. No. 24,286; Richard F. Trecartin, Reg. No. 31,801; Steven F. Caserza, Reg. No. 29,780; Michael A. Kaufman, Reg. No. 32,988; Edward N. Bachand, Reg. No. 37,085; R. Michael Ananian, Reg. No. 35,050; Stephen M. Knauer, Reg. No. 38,208; Robin M. Silva, Reg. No. 38,304; David C. Ashby, Reg. No. 36,432; Maria S. Swiatek, Reg. No. 37,244; Dolly A. Vance, Reg. No. 39,054;

attorneys and agents with full power of substitution and revocation to prosecute the above-identified application for Letters Patent and to transact all business in the Patent Office connected therewith, provided that if any one of said attorneys ceases being affiliated with the law firm of Flehr, Hohbach, Test, Albritton & Herbert as partner, employee or of counsel, such attorney's appointment as attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated. .

Direct all telephone calls to Richard F. Trecartin at (415) 781-1989.

Address all correspondence to:

FLEHR HOHBACH TEST
ALBRITTON & HERBERT LLP
Suite 3400, Four Embarcadero Center
San Francisco, California 94111

File No. A-67641-1/RFT/DSS

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

✓ Full name of sole or first inventor:

Spencer R. Malecha

Inventor's signature:

Spencer R. Malecha

Date:

April 4, 2000

Residence:

Honolulu, Hawaii

Citizenship:

US

Post Office Address:

3275 Beaumont Woods Place, Honolulu, HI 96822

✓ Full name of second joint inventor, if any:

Piera S. Sun

Inventor's signature:

Piera S. Sun

Date:

April 4, 2000

Residence:

Honolulu, Hawaii

Citizenship:

US

Post Office Address:

7008 Niumalu Loop, Honolulu, HI 96825

Attorney's Docket No.:

A-67641-1/RFT/DSS

For: METHODS OF ISOLATING THE ANDROGENIC SEX HORMONE FROM CRUSTACEAN PRAWN AND MARINE SHRIMP
AND METHODS OF USE



I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

ADDRESS OF ORGANIZATION	2800 Woodlawn Drive, Suite 280, Honolulu, HI 96822
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☐ TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE (26 USC 501(a) and 501(c)(3))
☐ NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES OF AMERICA (NAME OF STATE) (CITATION OF STATUTE)

METHODS OF ISOLATING THE ANDROGENIC SEX HORMONE FROM CRUSTACEAN PRAWN AND MARINE SHRIMP AND METHODS OF USE

by inventor(s) Spencer R. Malecha and Piera S. Sun, described in

- | | | | |
|-------------------------------------|----------------------------------|------------|---------------|
| <input type="checkbox"/> | the specification filed herewith | | |
| <input checked="" type="checkbox"/> | application serial no. | 09/494,149 | filed 1/28/00 |
| <input type="checkbox"/> | patent no. | | issued |

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization having rights to the invention as listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e). *NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

NAME

ADDRESS

☐ Individual ☐ Small Business Concern ☐ Nonprofit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

SIGNATURE James S. Edwards DATE April 5, 2000



POWER OF ATTORNEY BY ASSIGNEE

The undersigned assignee of the entire interest in application for letters patent entitled:

METHODS OF ISOLATING THE ANDROGENIC SEX HORMONE FROM CRUSTACEAN PRAWN AND MARINE SHRIMP AND METHODS OF USE

and having the named inventors:

Spencer R. Malecha and Piera S. Sun,,
and described in

- ☐ the specification filed
☒ application serial no. 09/494,149 filed 1/28/2000
☐ patent no. _____ issued _____

hereby appoints the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith; said appointment to be to the exclusion of the inventor(s) and his (their) attorney(s) in accordance with the provisions of 37 C.F.R. 1.32:

Harold C. Hohbach, Reg. No. 17,757; Aldo J. Test, Reg. No. 18,048; Thomas O. Herbert, Reg. No. 18,612; Donald N. MacIntosh, Reg. No. 20,316; Edward S. Wright, Reg. No. 24,903; David J. Brezner, Reg. No. 24,774; Richard E. Backus, Reg. No. 22,701; James A. Sheridan, Reg. No. 25,435; Robert B. Chickering, Reg. No. 24,286; Richard F. Trecartin, Reg. No. 31,801; Steven F. Caserza, Reg. No. 29,780; Michael A. Kaufman, Reg. No. 32,988; Edward N. Bachand, Reg. No. 37,085; R. Michael Ananian, Reg. No. 35,050; Stephen M. Knauer, Reg. No. 38,208; Robin M. Silva, Reg. No. 38,304; David C. Ashby, Reg. No. 36,432; Maria S. Swiatek, Reg. No. 37,244; Dolly A. Vance, Reg. No. 39,054;

provided that if any one of said attorneys ceases being affiliated with the law firm of Flehr, Hohbach, Test, Albritton & Herbert as partner, employee or of counsel, such attorney's appointment as attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

In accordance with 37 CFR 3.73 the assignee hereby certifies that the evidentiary documents with respect to its ownership have been reviewed and that, to the best of assignee's knowledge and belief, title is in the assignee seeking to take this action.

Direct all telephone calls to Richard F. Trecartin at (415) 781-1989.

Address all correspondence to:

**FLEHR HOHBACH TEST
ALBRITTON & HERBERT LLP
Suite 3400, Four Embarcadero Center
San Francisco, California 94111**

Assignee: University of Hawaii
By: Marvin S. Enokawa
(Typed Name)
Signature: *Marvin S. Enokawa*
Title: Interim Director
Address: 2800 Woodlawn Drive, suite 280, Honolulu, HI 96822

Date April 5, 2000
File No. A-67641-1/RFT/DSS